

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU026020.D
 Acq On : 10 Aug 2018 01:18
 Operator : MD/SY
 Sample : J4401-04 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 07:43:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 10 07:39:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	287276	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	269781	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	125356	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75535	35.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.94%
7) Chloroethane-d5	1.65	69	69118	41.52	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.04%
11) 1,1-Dichloroethene-d2	2.27	63	114583	28.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.44%#
21) 2-Butanone-d5	4.18	46	153618	87.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.77%
24) Chloroform-d	4.65	84	187427	42.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.18%
26) 1,2-Dichloroethane-d4	5.31	65	131534	43.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.46%
32) Benzene-d6	5.34	84	360200	43.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	6.33	67	117174	43.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.46%
41) Toluene-d8	7.57	98	321282	40.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.18%
43) trans-1,3-Dichloropropene-	7.85	79	54732	40.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.16%
47) 2-Hexanone-d5	8.31	63	113614	92.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.28%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	179226	45.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	136801	44.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.54%

Target Compounds

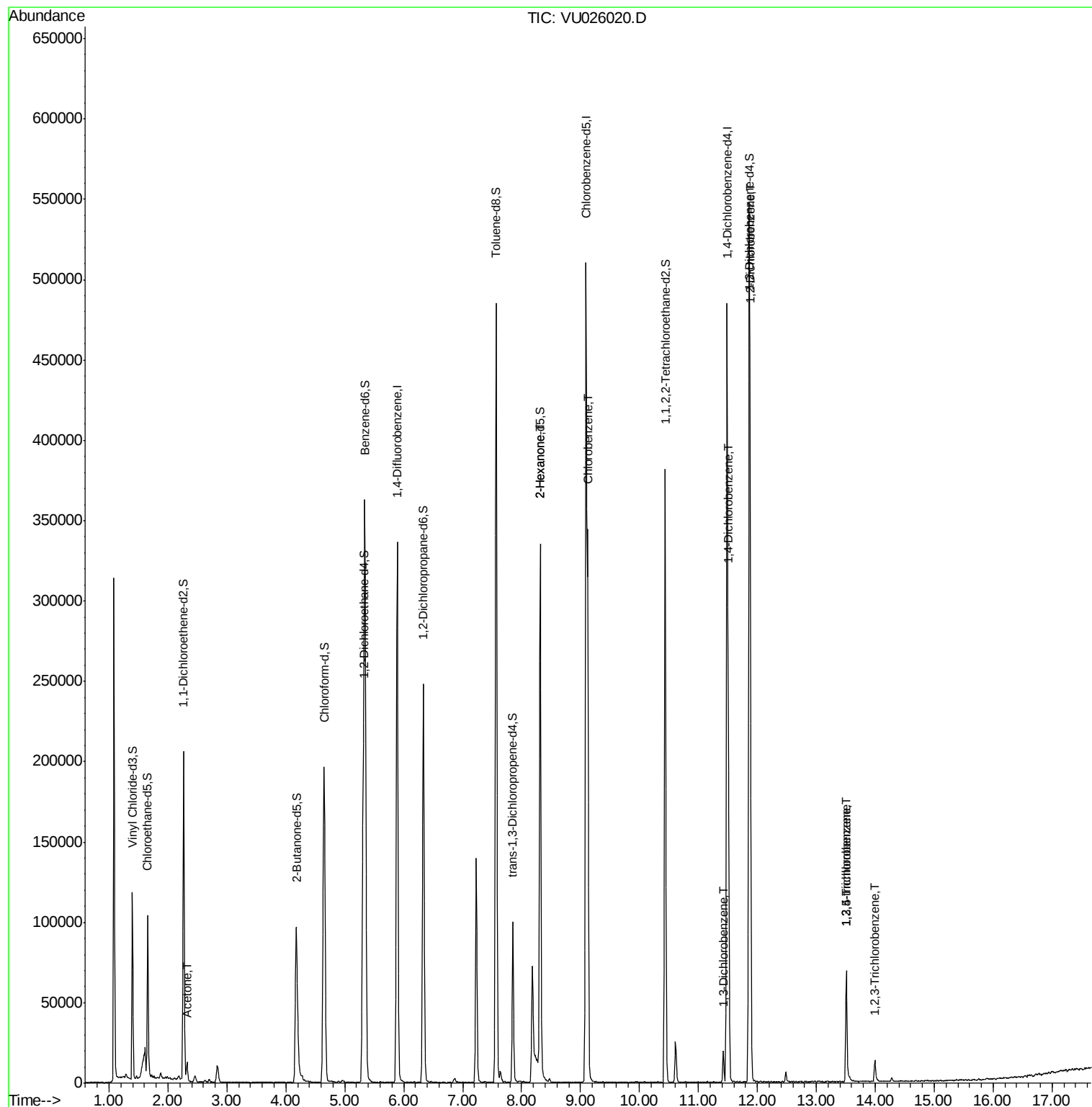
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	9902	9.108	ug/L	96
48) 2-Hexanone	8.32	43	13600	6.043	ug/L #	66
51) Chlorobenzene	9.12	112	172941	31.448	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	7908	2.026	ug/L	94
63) 1,4-Dichlorobenzene	11.51	146	61020	14.915	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	70878	17.063	ug/L	98
67) 1,3,5-Trichlorobenzene	13.51	180	23536	8.069	ug/L	98
68) 1,2,4-Trichlorobenzene	13.51	180	23536	9.542	ug/L	97
70) 1,2,3-Trichlorobenzene	13.99	180	5277	1.991	ug/L	95

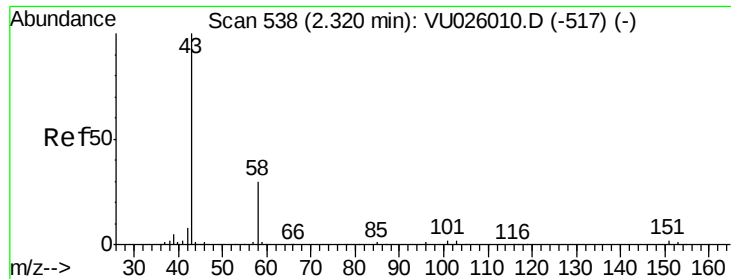
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 10 07:39:13 2018
Response via : Initial Calibration





#13

Acetone

Concen: 9.108 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026020.D

Acq: 10 Aug 2018 01:18

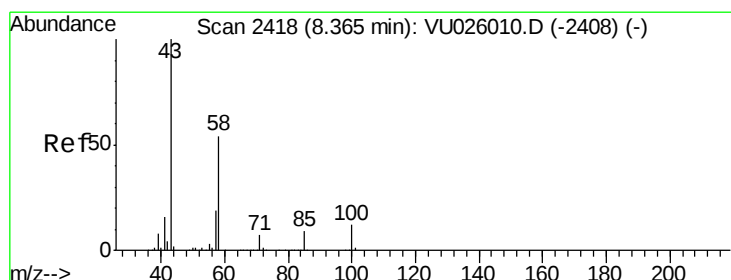
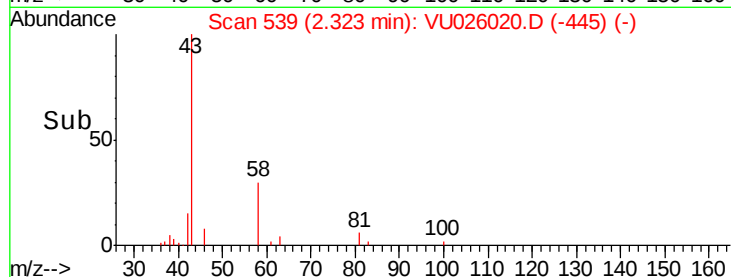
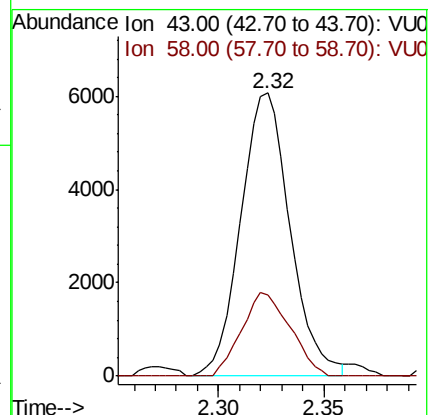
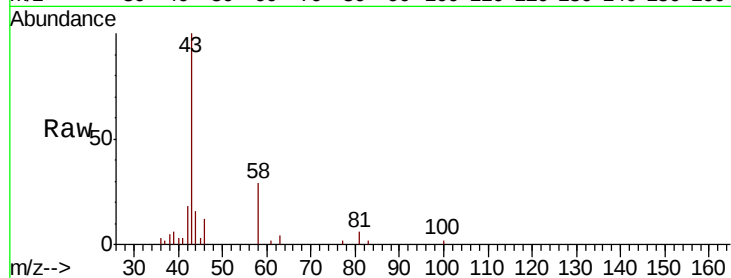
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 9902

Ion Ratio Lower Upper

43 100

58 28.9 0.0 61.8



#48

2-Hexanone

Concen: 6.043 ug/L

RT: 8.32 min Scan# 2403

Delta R.T. -0.05 min

Lab File: VU026020.D

Acq: 10 Aug 2018 01:18

Tgt Ion: 43 Resp: 13600

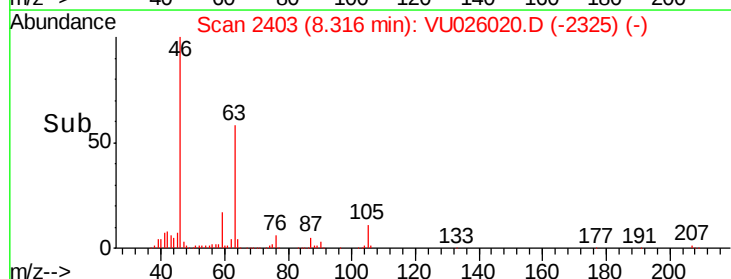
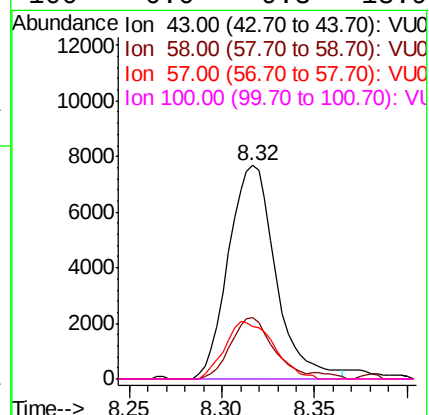
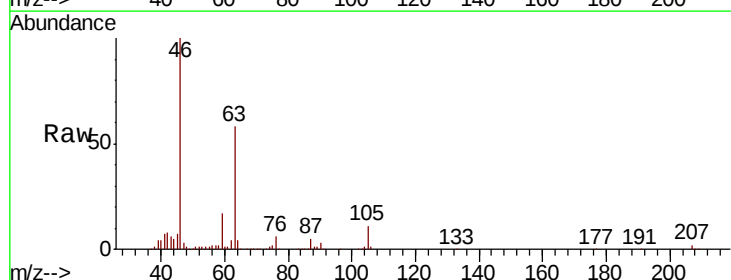
Ion Ratio Lower Upper

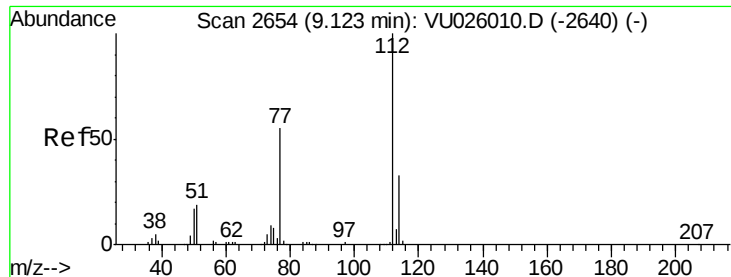
43 100

58 25.9 43.6 65.4#

57 27.7 15.1 22.7#

100 0.0 9.3 13.9#





#51

Chlorobenzene

Concen: 31.448 ug/L

RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

Lab File: VU026020.D

Acq: 10 Aug 2018 01:18

Instrument :

MSVOA_U

ClientSampled :

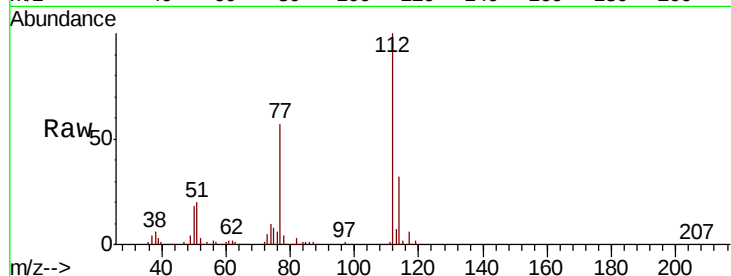
Tot Ion:112 Resp: 172941

Ion Ratio Lower Upper

112 100

114 32.1 22.7 42.3

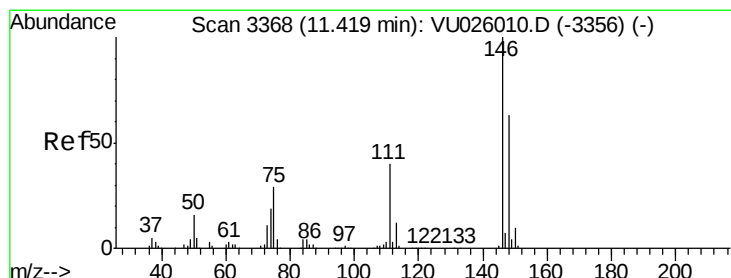
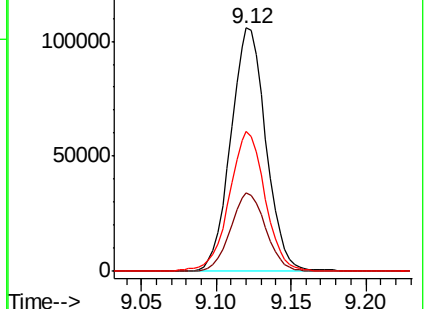
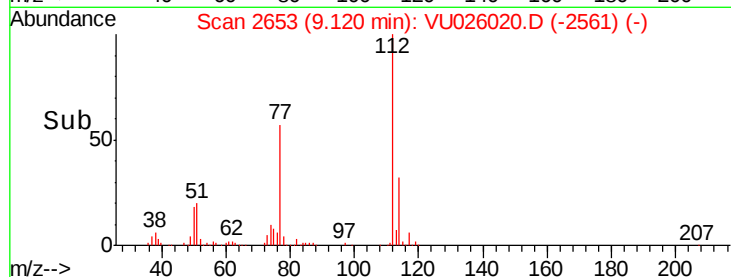
77 57.5 45.2 67.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0



#62

1,3-Dichlorobenzene

Concen: 2.026 ug/L

RT: 11.42 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VU026020.D

Acq: 10 Aug 2018 01:18

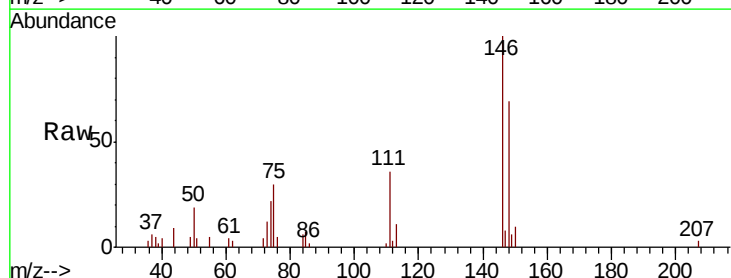
Tgt Ion:146 Resp: 7908

Ion Ratio Lower Upper

146 100

111 35.7 27.9 51.9

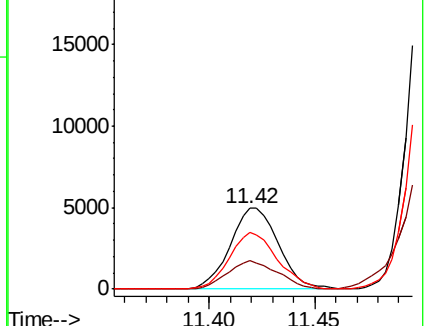
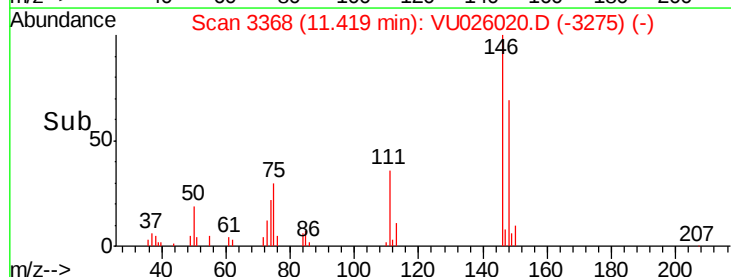
148 69.4 46.0 85.4

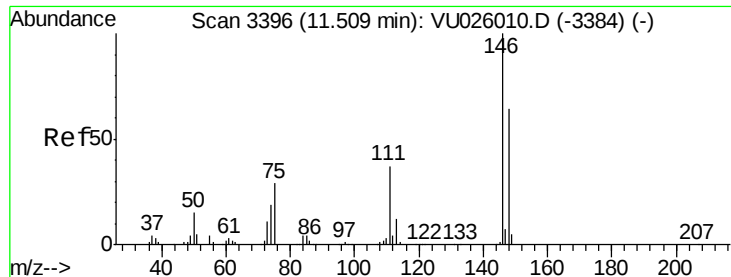


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#63

1,4-Dichlorobenzene

Concen: 14.915 ug/L

RT: 11.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VU026020.D

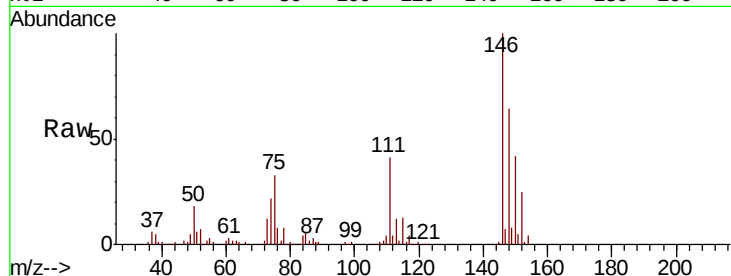
Acq: 10 Aug 2018 01:18

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:146	Resp:	61020
Ion	Ratio	Lower Upper
146	100	
111	40.5	26.4 49.0
148	63.8	43.8 81.4

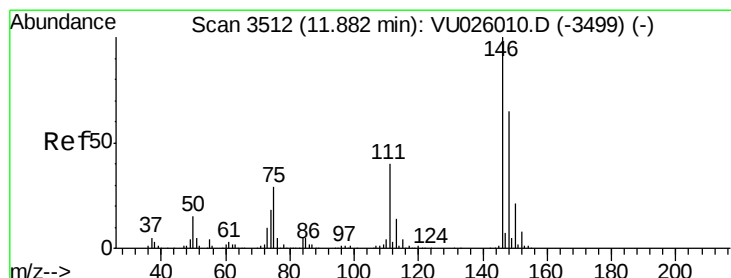
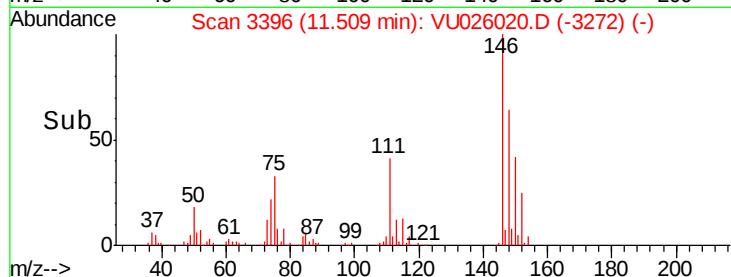
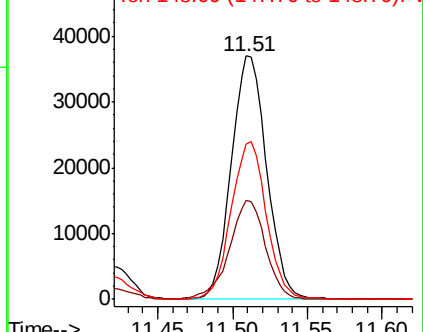


Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 17.063 ug/L

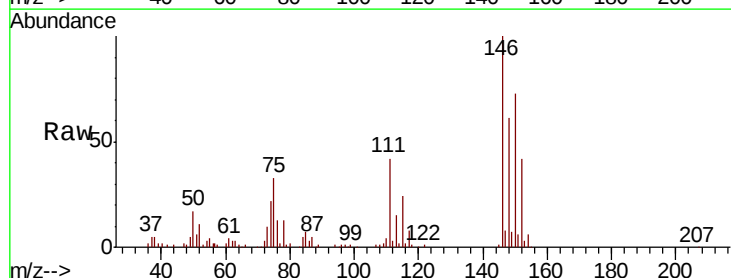
RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU026020.D

Acq: 10 Aug 2018 01:18

Tgt Ion:146	Resp:	70878
Ion	Ratio	Lower Upper
146	100	
111	41.9	32.4 48.6
148	61.1	50.1 75.1

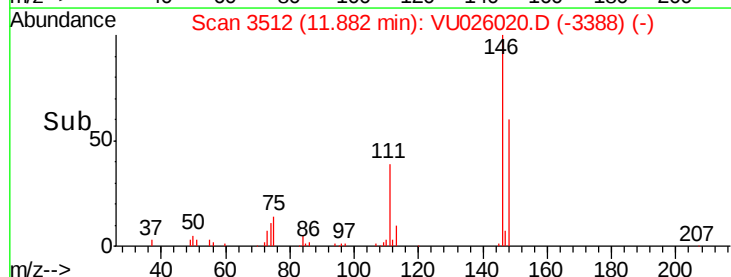
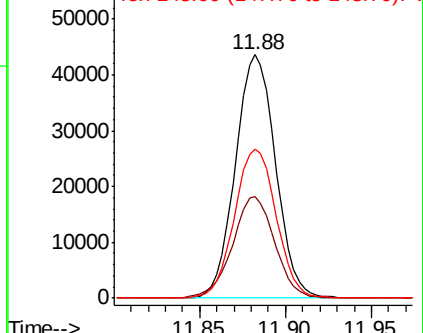


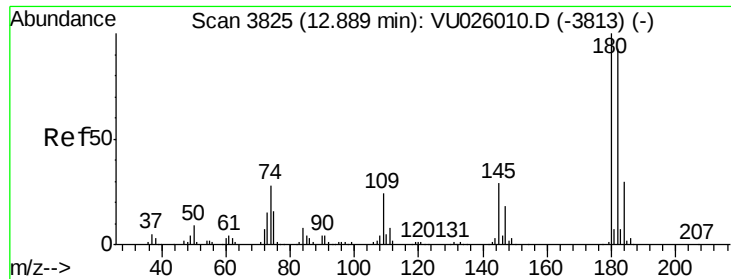
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

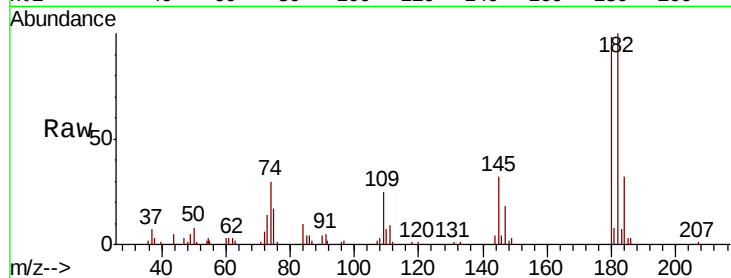




#67
 1,3,5-Trichlorobenzene
 Concen: 8.069 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.62 min
 Lab File: VU026020.D
 Acq: 10 Aug 2018 01:18

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180	Resp:	23536
Ion Ratio	Lower	Upper
180	100	
182	99.2	76.5 114.7
184	30.4	24.3 36.5
145	29.7	23.5 35.3



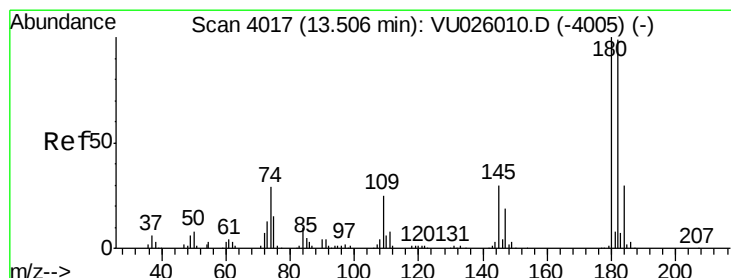
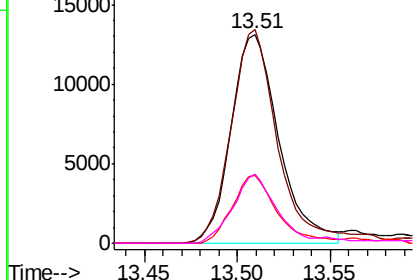
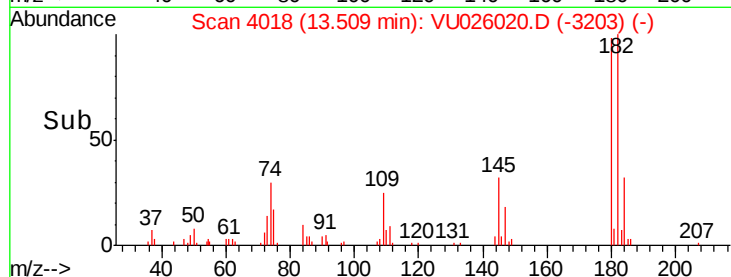
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

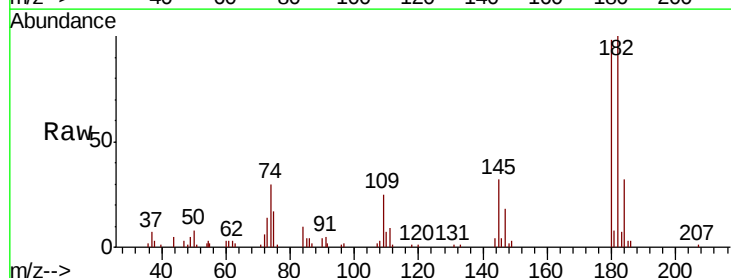
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 9.542 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU026020.D
 Acq: 10 Aug 2018 01:18

Tgt Ion:180	Resp:	23536
Ion Ratio	Lower	Upper
180	100	
182	99.2	76.5 114.7
145	29.7	24.2 36.4

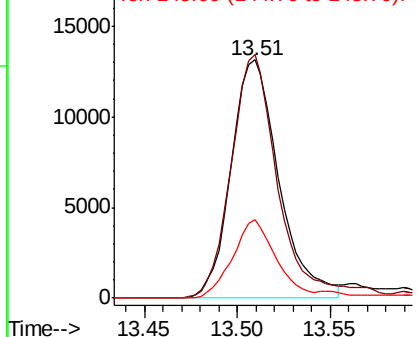
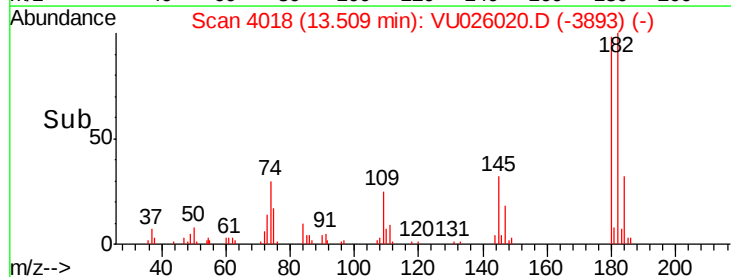


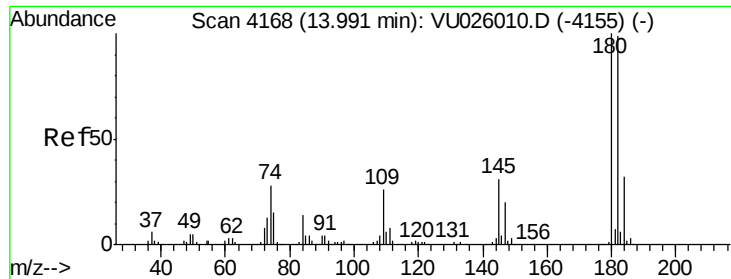
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

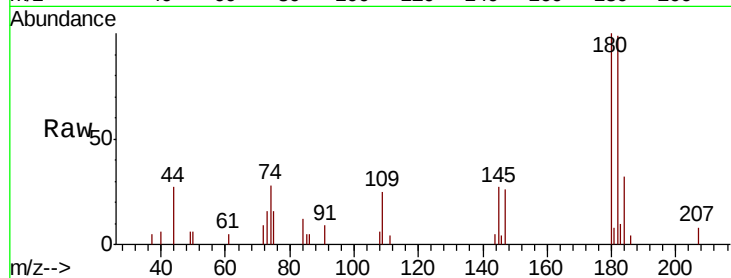




#70
 1,2,3-Trichlorobenzene
 Concen: 1.991 ug/L
 RT: 13.99 min Scan# 4169
 Delta R.T. 0.00 min
 Lab File: VU026020.D
 Acq: 10 Aug 2018 01:18

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	101.7	76.5	114.7
145	32.3	24.7	37.1



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

